



Analyte	CAS.NO	Units	Sample ID Date Type	BG-07-55'-51 10/30/2014 Field Sample	C5-B-40-51 11/19/2014 Field Sample	N1-47'-51 11/12/2014 Field Sample	N2-24'-51 11/13/2014 Field Sample	N4-91-51 11/15/2014 Field Sample	N5-32-51 11/20/2014 Field Sample
<b>SPLP General Chemistry</b>									
Bromide	24959-67-9	mg/L	--	<b>0.025</b>	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Chloride	16887-00-6	mg/L	--	0.02 UB	<b>0.69</b>	0.02 UB	0.02 UB	0.02 UB	0.02 UB
Fluoride	16984-48-8	mg/L	--	0.01 UB	<b>0.17 JL</b>	0.01 UB	0.01 UB	<b>0.66</b>	<b>0.14</b>
Nitrate as N	14797-55-8	mg/L	--	<b>0.47 R</b>	<b>6.8 JL</b>	<b>0.13 R</b>	<b>0.47 R</b>	<b>0.32 R</b>	<b>0.23 JL</b>
Nitrite as N	14797-65-0	mg/L	--	<b>0.0046 R</b>	<b>0.0075 R</b>	<b>0.003 R</b>	<b>0.003 R</b>	<b>0.003 R</b>	<b>0.003 R</b>
Orthophosphate	14265-44-2	mg/L	--	<b>0.09 R</b>	<b>0.078 R</b>	<b>0.16 R</b>	<b>0.078 R</b>	<b>0.078 R</b>	<b>0.77 JL</b>
Sulfate	14808-79-8	mg/L	--	0.05 UB	<b>1700</b>	<b>10</b>	<b>19</b>	<b>18</b>	<b>7.4</b>
<b>SPLP Metals</b>									
Aluminum	7429-90-5	mg/L	--	<b>0.66</b>	0.22 U	<b>0.34 JQ</b>	<b>0.14 JQ</b>	<b>0.49 JQ</b>	<b>2.9</b>
Antimony	7440-36-0	mg/L	--	0.0094 U	0.037 U	0.0094 U	0.0094 U	0.0094 U	0.0037 U
Arsenic	7440-38-2	mg/L	--	0.0045 U	0.018 U	0.0045 U	0.0045 U	0.0045 U	<b>0.016</b>
Barium	7440-39-3	mg/L	--	0.0053 UB	0.021 U	0.0053 UB	0.0053 UB	0.0053 U	<b>0.026 JQ</b>
Beryllium	7440-41-7	mg/L	--	0.00071 U	0.0028 U	0.00071 U	0.00071 U	0.00071 U	0.00028 UB
Boron	7440-42-8	mg/L	--	0.018 UB	0.072 U	0.018 UB	0.018 UB	0.018 UB	0.0072 UB
Cadmium	7440-43-9	mg/L	--	0.00084 U	0.0034 U	0.00084 U	0.00084 U	0.00084 U	0.00034 U
Calcium	7440-70-2	mg/L	--	<b>0.35 JQ</b>	<b>610</b>	<b>8.3</b>	<b>10</b>	<b>35</b>	<b>1.4</b>
Chromium	7440-47-3	mg/L	--	0.0084 U	0.034 U	0.0084 U	0.0084 U	0.0084 U	<b>0.0069 JQ</b>
Cobalt	7440-48-4	mg/L	--	0.0068 U	0.027 U	0.0068 U	0.0068 U	0.0068 U	0.0027 U
Copper	7440-50-8	mg/L	--	0.0053 U	0.021 U	0.0053 U	0.0053 U	0.0053 U	<b>0.0029 JQ</b>
Iron	7439-89-6	mg/L	--	<b>0.31</b>	0.13 U	<b>0.2 JQ</b>	<b>0.071 JQ</b>	<b>0.66</b>	<b>3.1</b>
Lead	7439-92-1	mg/L	--	0.0015 UB	0.006 U	0.0015 UB	0.0015 U	0.0015 U	<b>0.031</b>
Magnesium	7439-95-4	mg/L	--	0.13 UB	<b>49</b>	0.13 UB	0.13 UB	0.13 UB	<b>0.61 JQ</b>
Manganese	7439-96-5	mg/L	--	0.0025 UB	0.01 U	0.0025 UB	0.0025 U	0.0025 UB	0.001 UB
Mercury	7439-97-6	mg/L	--	0.00006 U	0.00006 UJL	0.00006 U	<b>0.00011 JQ</b>	<b>0.00011 JQ</b>	0.00006 UB
Molybdenum	7439-98-7	mg/L	--	0.0048 U	0.019 U	0.0048 U	0.0048 U	0.0048 U	0.0019 U
Nickel	7440-02-0	mg/L	--	0.0064 U	0.026 U	0.0064 U	0.0064 U	0.0064 U	<b>0.0028 JQ</b>



Phosphorus	7723-14-0	mg/L	--	0.035 UB	0.14 U	0.035 UB	0.035 U	0.035 U	<b>0.3</b>
Potassium	7440-09-7	mg/L	--	1.1 U	4.6 U	1.1 UB	1.1 U	1.1 U	<b>1.5 JQ</b>
Selenium	7782-49-2	mg/L	--	0.0052 U	<b>0.04 JQ</b>	0.0052 U	0.0052 U	0.0052 U	0.0021 U
Silicon	7440-21-3	mg/L	--	<b>3.2</b>	<b>2 JQ</b>	<b>1.8</b>	<b>1.1</b>	<b>2.4</b>	<b>7.4</b>
Silver	7440-22-4	mg/L	--	0.0025 U	0.0099 U	0.0025 U	0.0025 U	0.0025 U	0.00099 U
Sodium	7440-23-5	mg/L	--	<b>2.9</b>	<b>67</b>	<b>1.8 JQ</b>	<b>1.2 JQ</b>	<b>44</b>	<b>5.2</b>
Thallium	7440-28-0	mg/L	--	0.006 U	0.024 U	0.006 U	0.006 U	0.006 U	0.0024 U
Tin	7440-31-5	mg/L	--	0.013 U	0.05 U	0.013 U	0.013 U	0.013 U	0.005 U
Titanium	7440-32-6	mg/L	--	0.0032 UB	0.013 U	0.0032 UB	0.0032 UB	0.0032 UB	<b>0.45</b>
Uranium	7440-61-1	mg/L	--	0.064 UB	0.26 U	0.064 U	0.064 U	0.064 U	0.026 U
Vanadium	7440-62-2	mg/L	--	0.011 U	0.044 U	0.011 U	0.011 U	0.011 U	<b>0.018 JQ</b>
Zinc	7440-66-6	mg/L	--	0.021 U	0.083 U	0.021 UB	0.021 U	0.021 U	<b>0.009 JQ</b>
<b>SPLP Radiological</b>									
Radium-226	13982-63-3	pCi/L	--	0.173 U	0.229 U	0.103 U	0.142 U	0.096 U	0.201 U
Radium-228	15262-20-1	pCi/L	--	0.744 U	0.785 U	0.397 U	0.368 U	0.368 U	0.692 U
Thorium-227	15623-47-9	pCi/L	--	1.08 U G	0.408 U	0.106 U	0.142 U	0.147 U	0.287 U
Thorium-228	14274-82-9	pCi/L	--	0.68 U	0.47 U	0.106 U	0.175 U	<b>0.173</b>	<b>0.515</b>
Thorium-230	14269-63-7	pCi/L	--	1.22 U G	0.304 U	0.22 U	0.142 U	0.203 U	<b>0.493</b>
Thorium-232	7440-29-1	pCi/L	--	1.19 U G	0.242 U	0.187 U	0.154 U	0.169 U	<b>0.235</b>
Uranium-233/234	13966-29-5	pCi/L	--	0.982 U	<b>1.02</b>	0.158 U	<b>0.149</b>	0.115 U	<b>2.39</b>
Uranium-235/236	15117-96-1	pCi/L	--	0.738 U	0.119 U	0.169 U	0.135 U	0.125 U	0.235 U
Uranium-238	7440-61-1	pCi/L	--	0.81 U	<b>0.309</b>	0.135 U	0.145 U	0.125 U	<b>0.984</b>

